

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-155 (Cancelled).

156. (Previously presented) An isolated polynucleotide comprising a nucleic acid encoding an amino acid sequence selected from the group consisting of:

- (a) amino acids +23 to +371 of SEQ ID NO:2;
- (b) amino acids +2 to +371 of SEQ ID NO:2;
- (c) amino acids +1 to +371 of SEQ ID NO:2;
- (d) amino acids +23 to +225 of SEQ ID NO:2;
- (e) amino acids +1 to +231 of SEQ ID NO:2;
- (f) the amino acid sequence of the mature polypeptide encoded by the cDNA clone contained in ATCC Deposit No. 209691 or 209641; and
- (g) the amino acid sequence of the full length polypeptide encoded by the cDNA clone contained in ATCC Deposit No. 209691 or 209641.

157. (Previously presented) The isolated polynucleotide of claim 156 comprising (a).

158. (Previously presented) The isolated polynucleotide of claim 156 comprising (b).

159. (Previously presented) The isolated polynucleotide of claim 156 comprising (c).

160. (Previously presented) The isolated polynucleotide of claim 156 comprising (d).

161. (Previously presented) The isolated polynucleotide of claim 156 comprising (e).

162. (Previously presented) The isolated polynucleotide of claim 156 comprising (f).

163. (Previously presented) The isolated polynucleotide of claim 156 comprising (g).

164. (Previously presented) The isolated polynucleotide of claim 156 further comprising a heterologous polynucleotide.

165. (Previously presented) A vector comprising the polynucleotide of claim 164.

166. (Previously presented) A host cell comprising the vector of claim 165.

167. (Previously presented) A host cell comprising the isolated polynucleotide of claim 156 operably associated with a heterologous regulatory sequence.

168. (Previously presented) A method of producing a polypeptide comprising:

- (a) culturing the host cell of claim 167 under conditions such that the polypeptide is expressed; and
- (b) recovering said polypeptide.

169. (Previously presented) A composition comprising the isolated polynucleotide of claim 156.

170. (Previously presented) An isolated polynucleotide that hybridizes to a polynucleotide consisting of SEQ ID NO:1, or the complement thereof, under hybridization conditions comprising hybridization in a wash buffer consisting of 0.1XSSC at 65°C, wherein said isolated polynucleotide is not Genbank Accession No. X91553.

171-172. (Cancelled).

173. (Previously presented) The isolated polynucleotide of claim 172 wherein said fragment is at least 50 contiguous amino acid residues in length.

174. (Previously presented) The isolated polynucleotide of claim 172 further comprising a heterologous polynucleotide.

175. (Previously presented) A vector comprising the polynucleotide of claim 174.

176. (Previously presented) A host cell comprising the vector of claim 175.

177. (Previously presented) A host cell comprising the isolated polynucleotide of claim 172 operably associated with a heterologous regulatory sequence.

178. (Previously presented) A method of producing a polypeptide comprising:
(a) culturing the host cell of claim 176 under conditions such that the polypeptide is expressed; and
(b) recovering said polypeptide.

179. (Previously presented) An isolated polynucleotide consisting of 150 contiguous nucleotides of SEQ ID NO:1 or the full length complement thereof.

180. (Previously presented) An isolated polynucleotide encoding a polypeptide selected from the group consisting of:

- (a) a polypeptide consisting of amino acid residues +198 to +204 of SEQ ID NO:2;
- (b) a polypeptide consisting of amino acid residues +261 to +268 of SEQ ID NO:2;
- (c) a polypeptide consisting of amino acid residues +23 to +225 of SEQ ID NO:2;
- (d) a polypeptide consisting of amino acid residues +1 to +231 of SEQ ID NO:2; and

(e) a polypeptide consisting of amino acid residues +226 to +260 of SEQ ID NO:2.

181. (Previously presented) The isolated polynucleotide of claim 180 which encodes polypeptide (a).

182. (Previously presented) The isolated polynucleotide of claim 180 which encodes polypeptide (b).

183. (Previously presented) The isolated polynucleotide of claim 180 which encodes polypeptide (c).

184. (Previously presented) The isolated polynucleotide of claim 180 which encodes polypeptide (d).

185. (Previously presented) The isolated polynucleotide of claim 180 which encodes polypeptide (e).

186. (Previously presented) The isolated polynucleotide of claim 180 further comprising a heterologous polynucleotide.

187. (Previously presented) A vector comprising the polynucleotide of claim 186.

188. (Previously presented) A host cell comprising the vector of claim 187.

189. (Previously presented) A host cell comprising the isolated polynucleotide of claim 180 operably associated with a heterologous regulatory sequence.

190. (Previously presented) A method of producing a polypeptide comprising:
(a) culturing the host cell of claim 189 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

191. (Previously presented) A composition comprising the isolated polynucleotide of claim 180.